



SEQUENCE LISTING

<110> Leviten, Michael W.

<120> TRANSGENIC MICE CONTAINING
UBIQUITIN-SPECIFIC PROTEASE GENE DISRUPTIONS

<130> R-456

<140> US 09/904,181
<141> 2001-07-11

<150> US 60/217,350
<151> 2000-07-11

<150> US 60/223,169
<151> 2000-08-07

<150> US 60/301,214
<151> 2001-06-26

<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 633
<212> DNA
<213> Mus musculus

<400> 1
ttcggatct tggacattcc cggttcttct accccattct ggccttgag cccagggagc 60
gagggcagtg tggtaatgg ggagagccat gcatccggga ccaccactct cacagactgc 120
ctgcgaagat ttaccagacc agagcactta ggaagcagtg ccaagatcaa gtgttagcggt 180
tgccatagct accaagagtc cacaaggcag ctcaccatga agaagctgcc cattgtggcc 240
tggttccatc tcaaaccgatt tgaacactca gccaaacttc ggcggaaat caccacatat 300
gtgtctttc cccttggact ggacatgacg cccttcatgg cctccagcaa agagagcagg 360
atgaatgggc aataccagca gcccctggac agtctcaaca atgacaacaa atactccctg 420
tttgctgtcg ttaaccatca agggacattt gagagtggcc actacaccag cttcatccgg 480
cagcacaaag accagtgggt caagtgtat gacgccattt tcaccaaggc cagcatcaa 540
gatgtactgg acagtgaagg gtactactct tctatcacaa acagttcctg gattacgagt 600
agtccttgcc ttgctggcca gagaaagaga gag 633

<210> 2
<211> 200
<212> DNA
<213> Artificial Sequence

<220>
<223> Targeting vector

<400> 2
agatgacacc tttaactact ggtgaacttt gagtgataaa ataatctgtt cccctttctt 60
cgtatgtccctc atgtctttta cttttccctt tttccatgttt atttttttaa taaaaacacg 120
ttttttaaat gcctttaga tttaccagac cagagcactt aggaagcagt gccaagatca 180
agttagcggt ttgccccatatac 200

<210> 3
<211> 200

<212> DNA
<213> Artificial Sequence

<220>
<223> Targeting vector

<400> 3

tgacgccctt catggcctcc aggttagaaag ggttggtgct cctgtgtctg agtgggaagg 60
caagttgtct agtgggtgct tacccagtgc cagcctttag acatggtaat gacagctatc 120
caggcctcac cgccacccca gaacttacct aagcttactg tgggctaccc atttgtactc 180
ttaacatccc tcatcattta 200